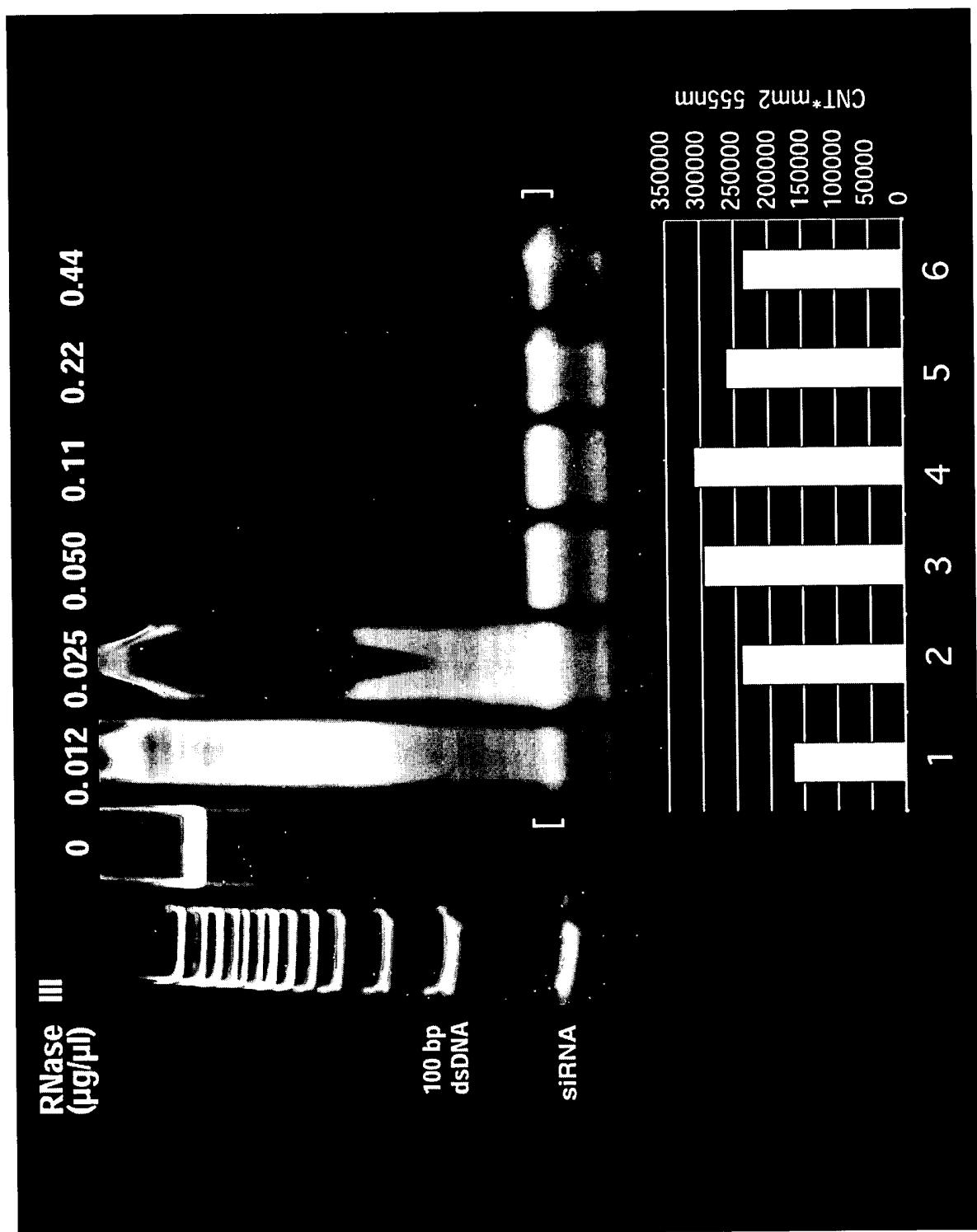


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Fig. 1A



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Fig. 1B

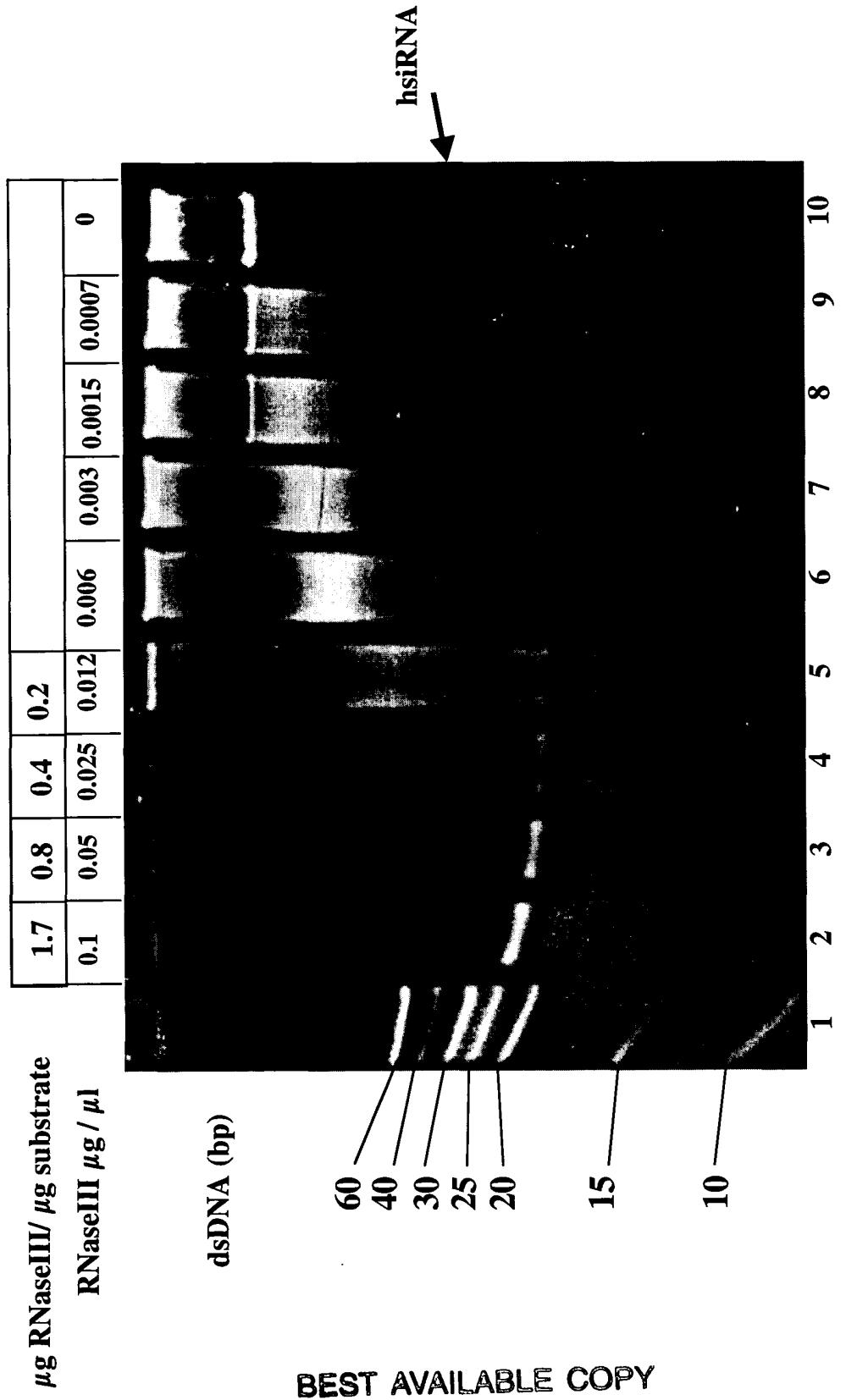
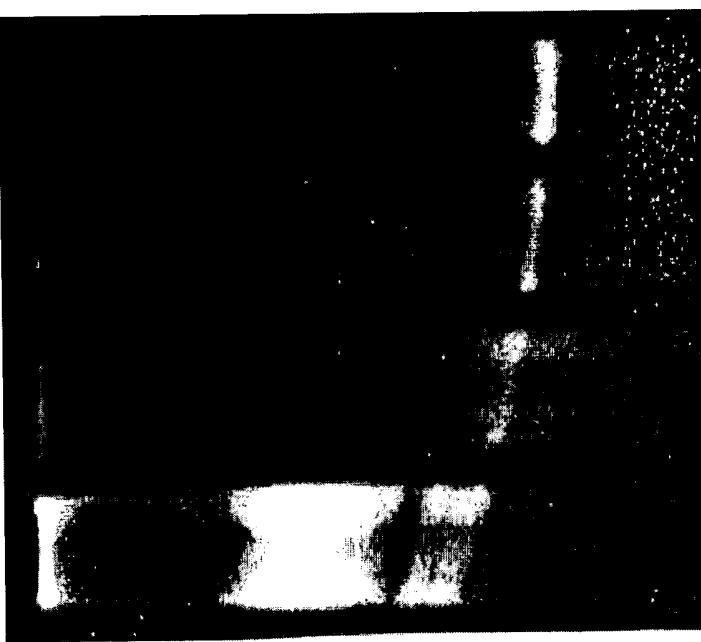


Fig.1C

$\mu\text{g RNaseIII}/\mu\text{g substrate}$

0.2	0.4	0.8	1.7
.47	.24	.12	.06

$\mu\text{g dsRNA}/\mu\text{l}$



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Fig. 1D

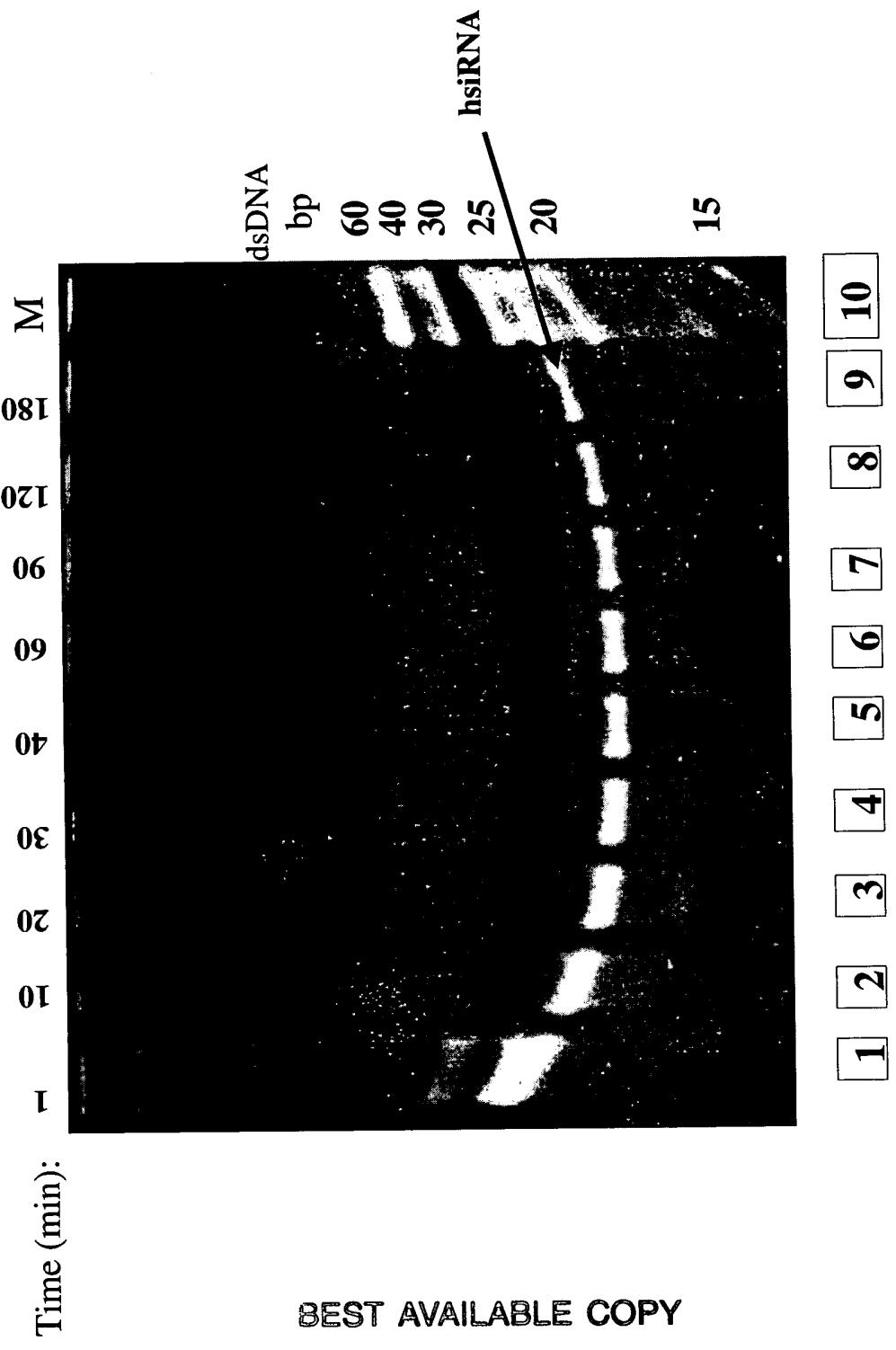
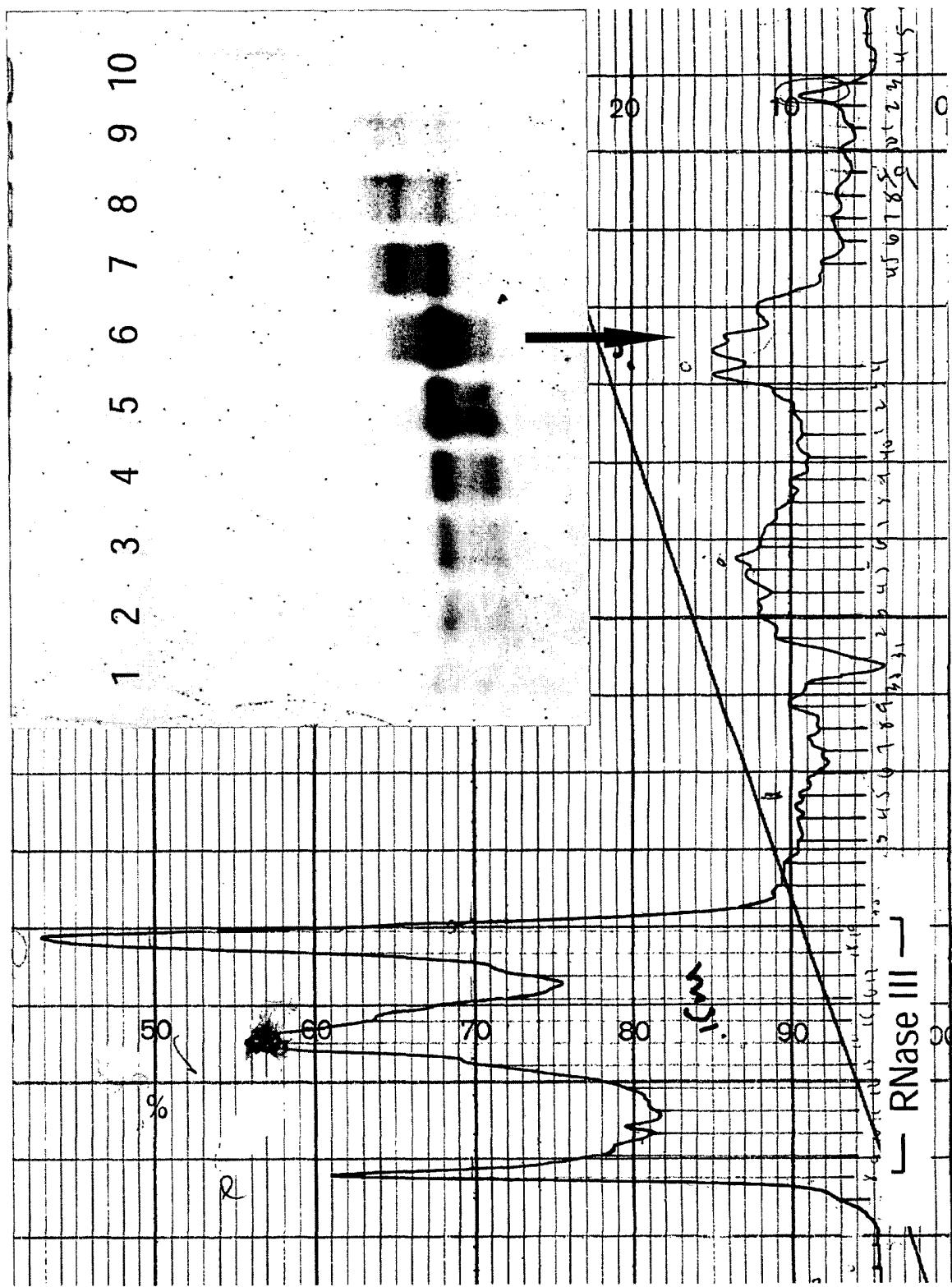
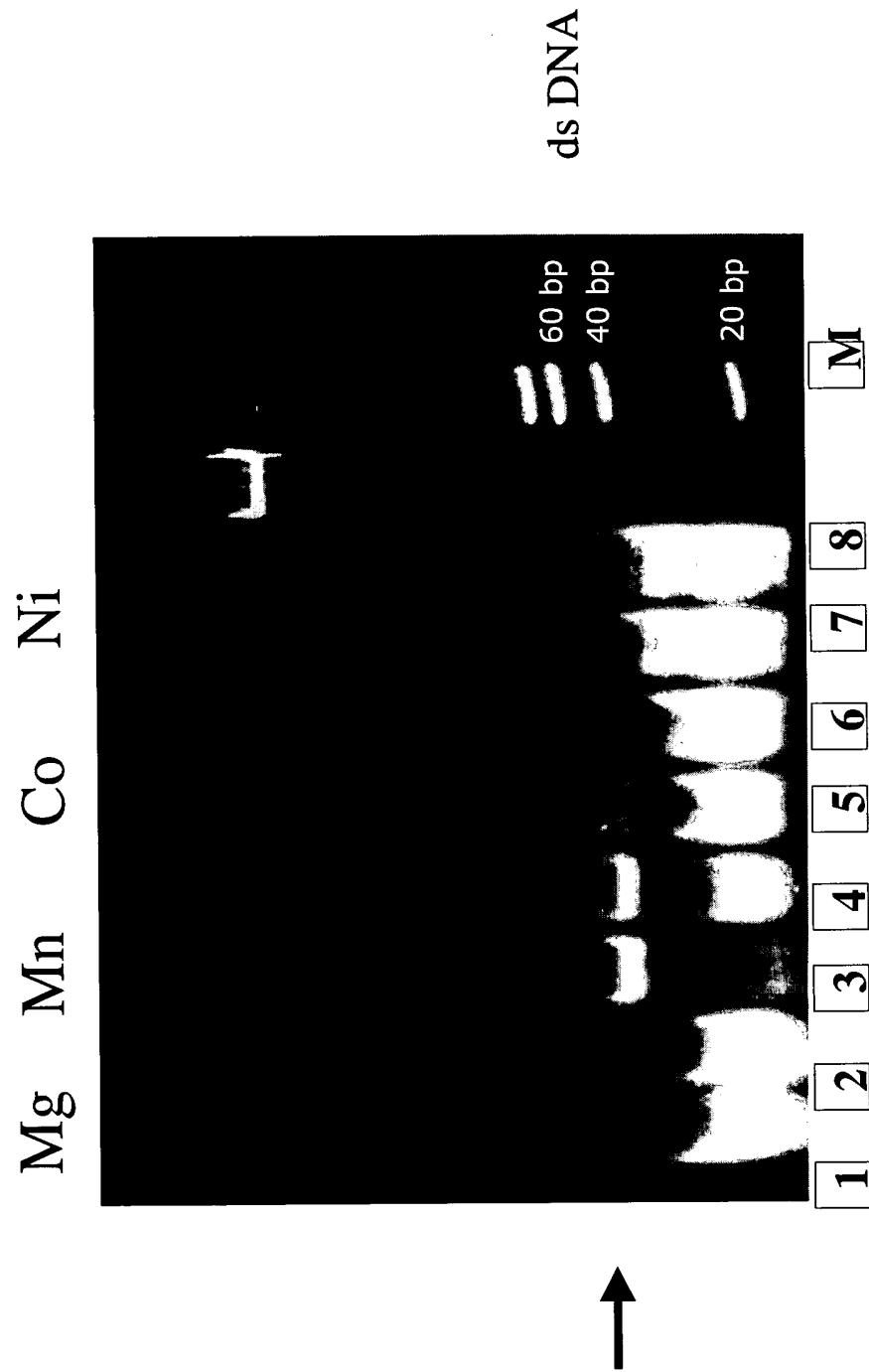


Fig.1E



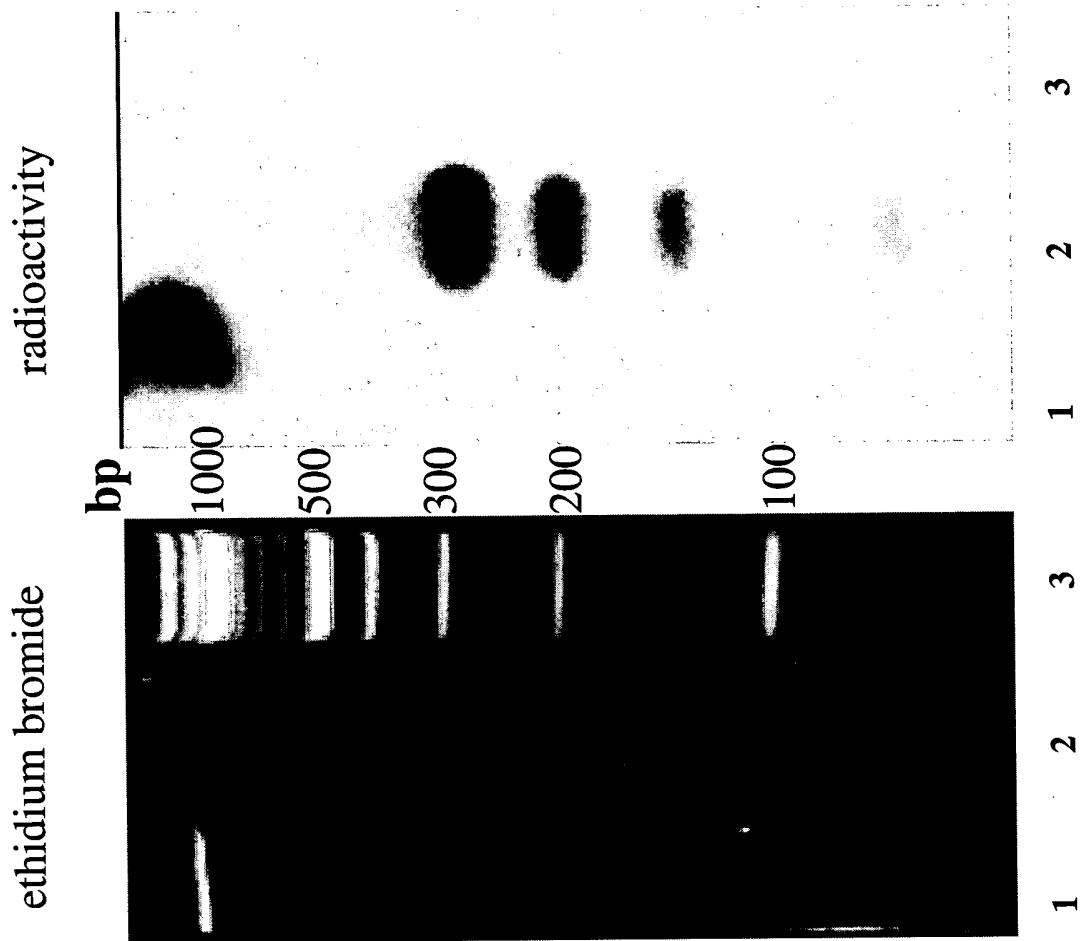
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Fig. 1F



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Fig. 2



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Fig. 3A

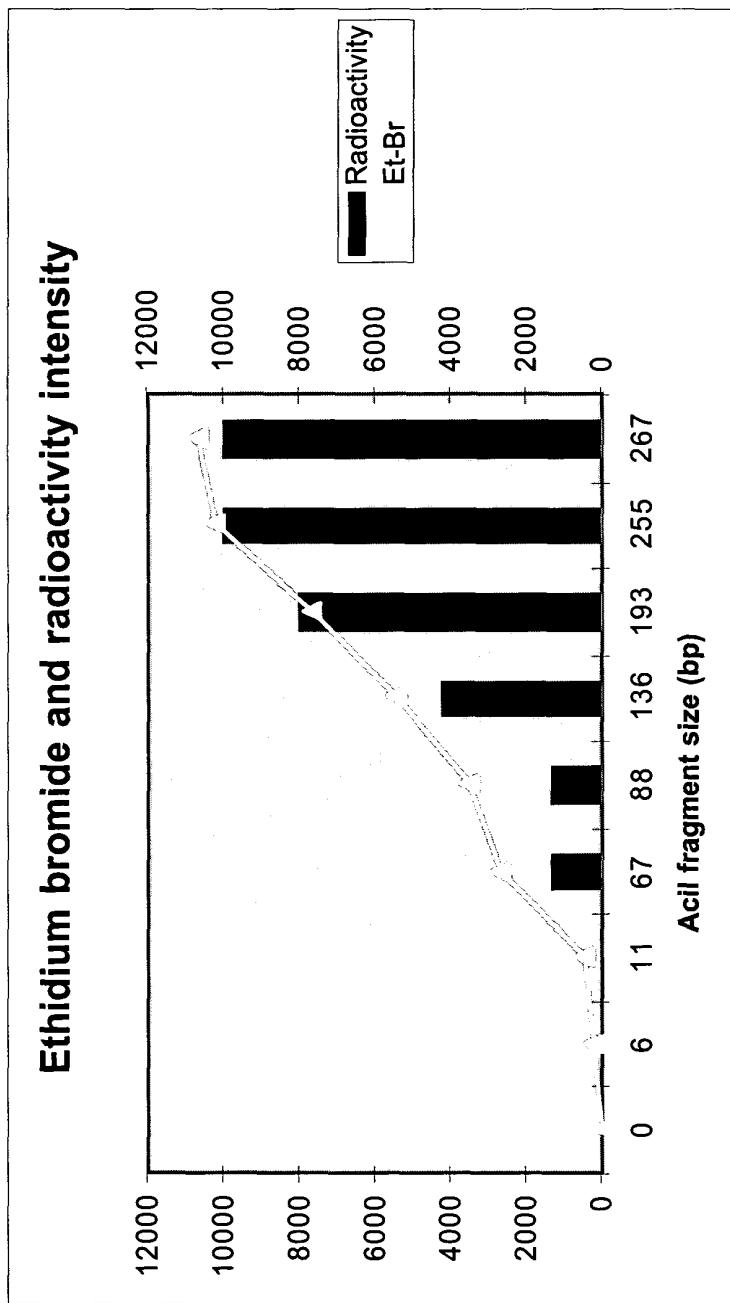


Fig. 3B

Cloning of RNase III digestion products

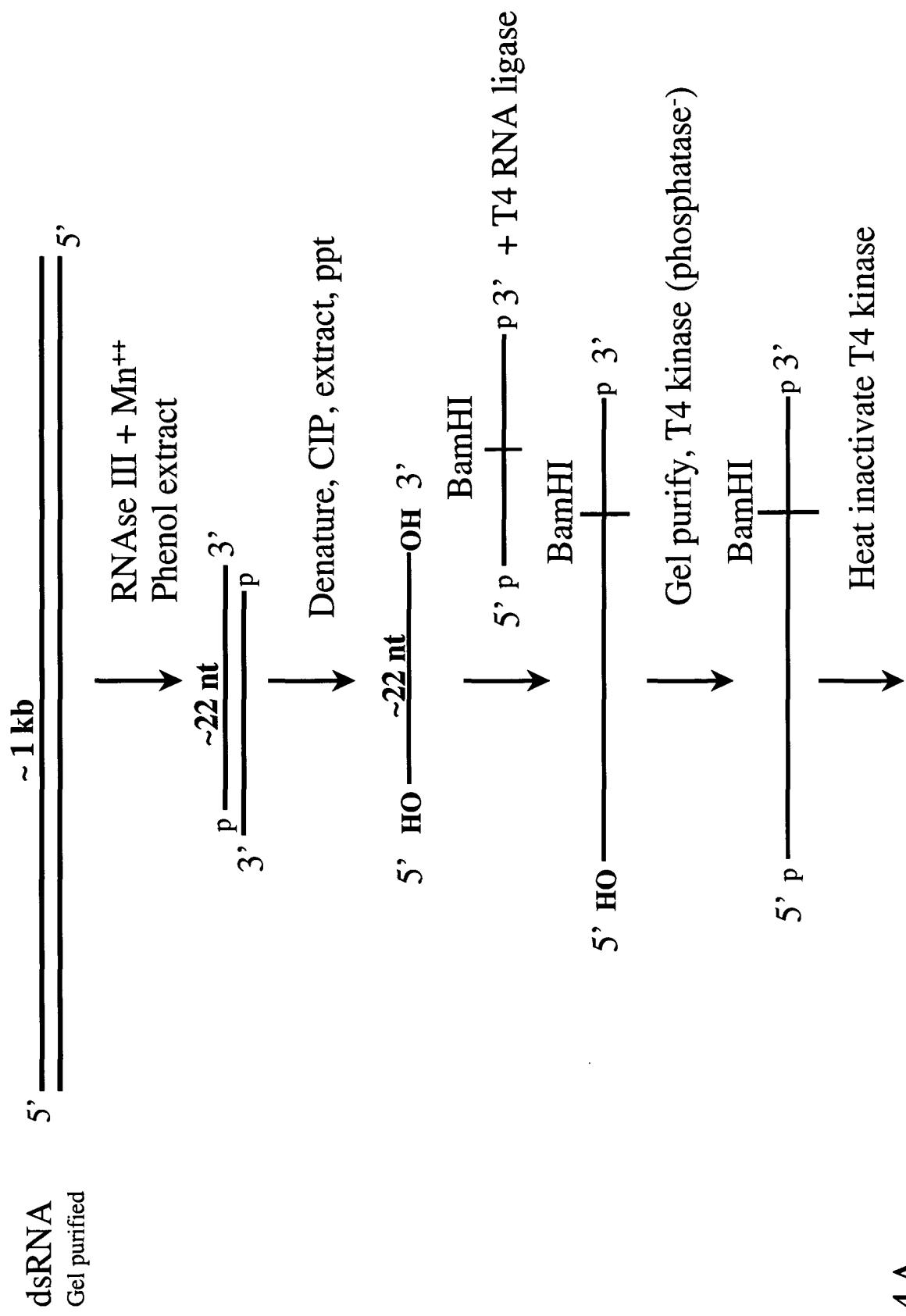


Fig. 4A

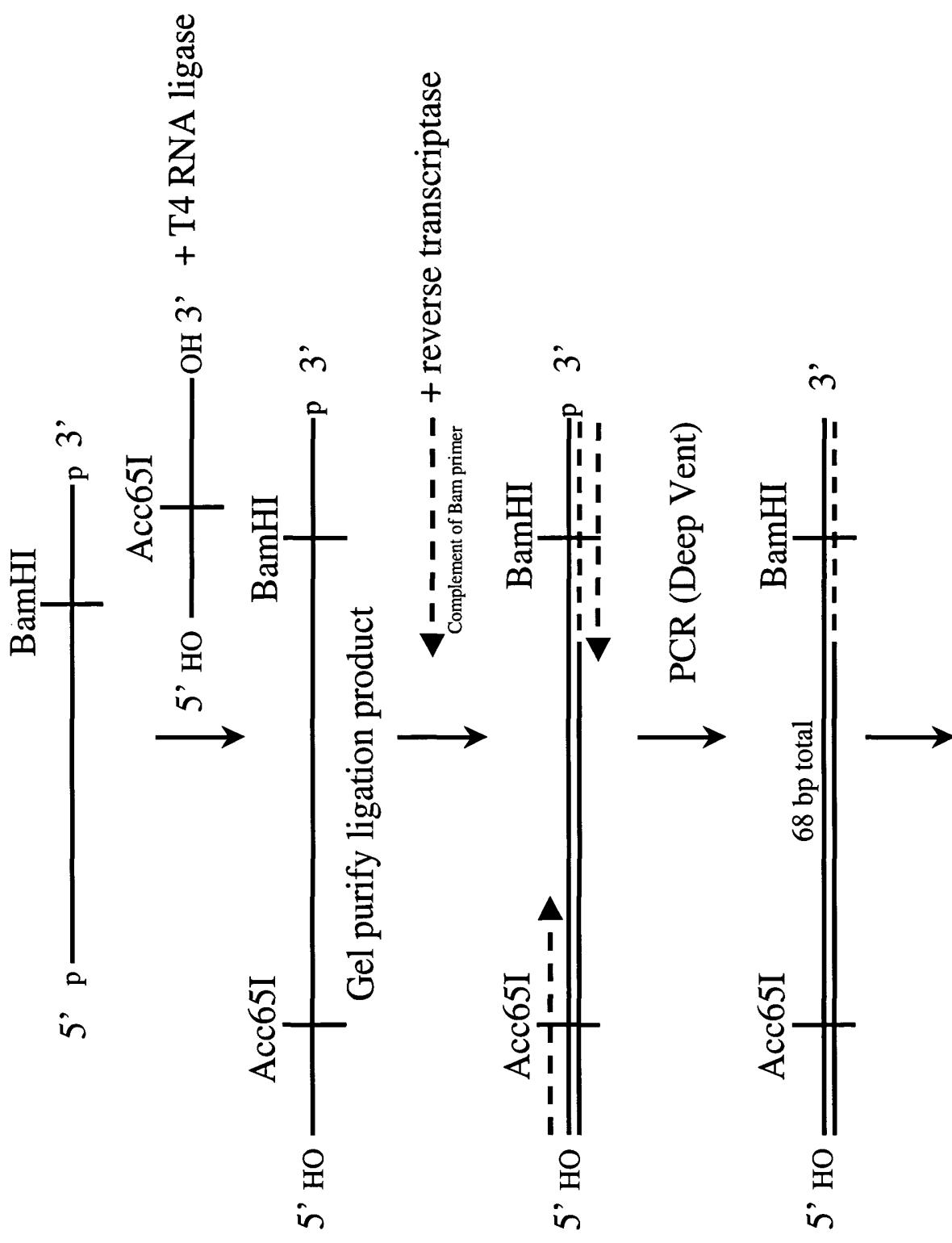


Fig. 4A (cont.)

Digest library with Acc65I and BamHI, clone into pUC19

Mapping cloned RNA fragments onto original male transcript

BglII-EcoRI male fragment cloned in LITMUS 28i:

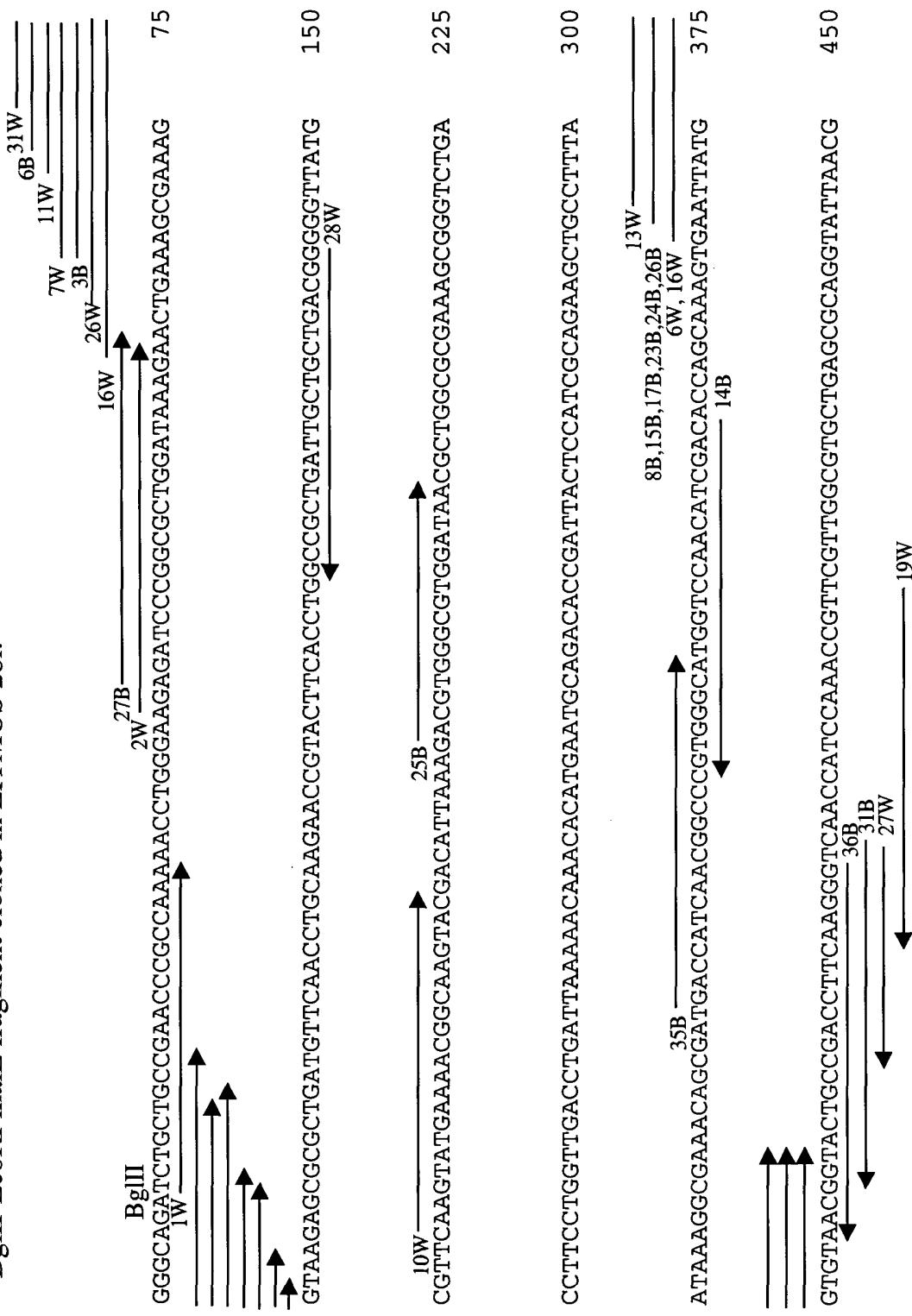


Fig. 4B

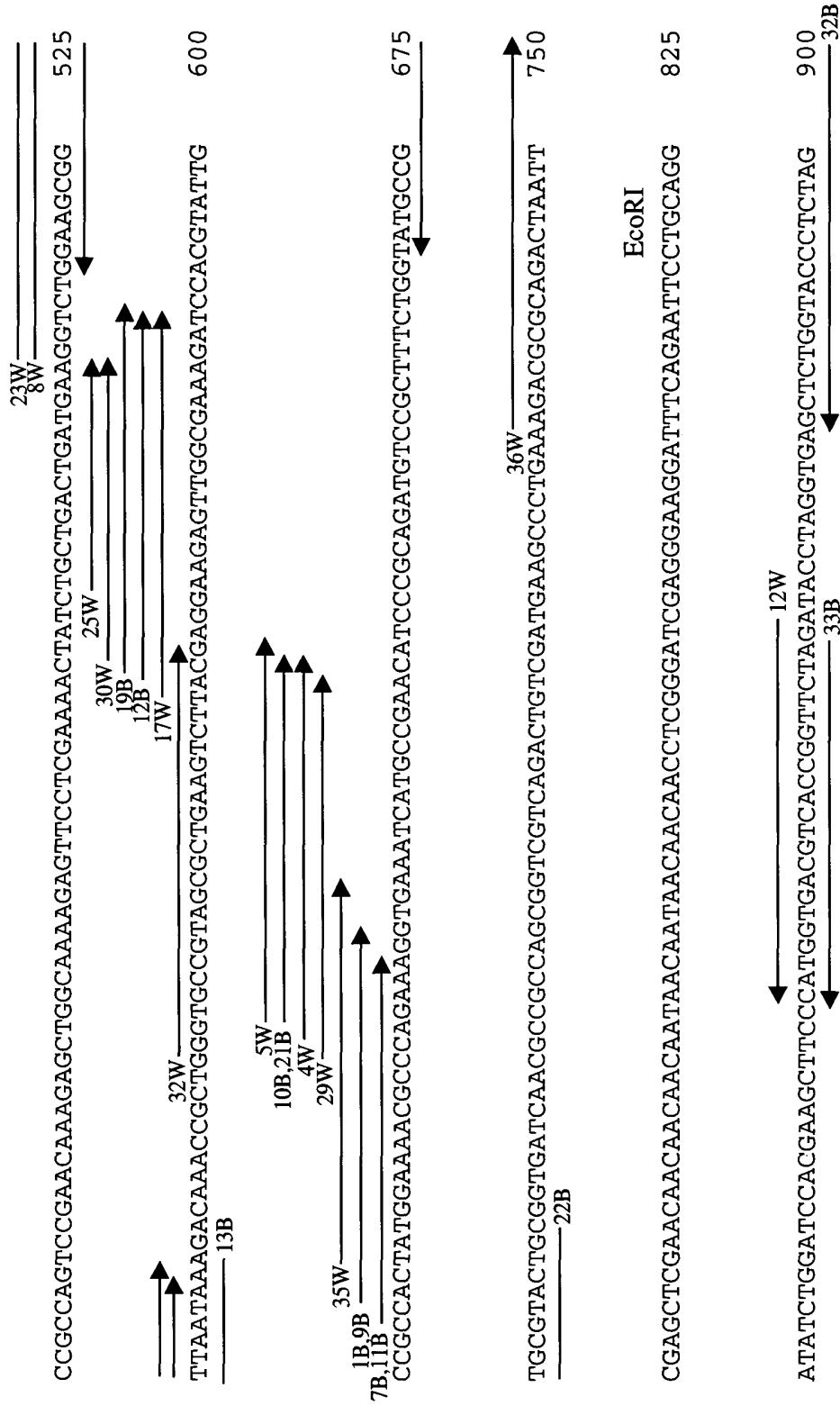


Fig. 4B (cont.)

Mapping cloned RNA fragments onto original GFP transcript

NheI-BsrGI GFP fragment cloned in LITMUS 38i:

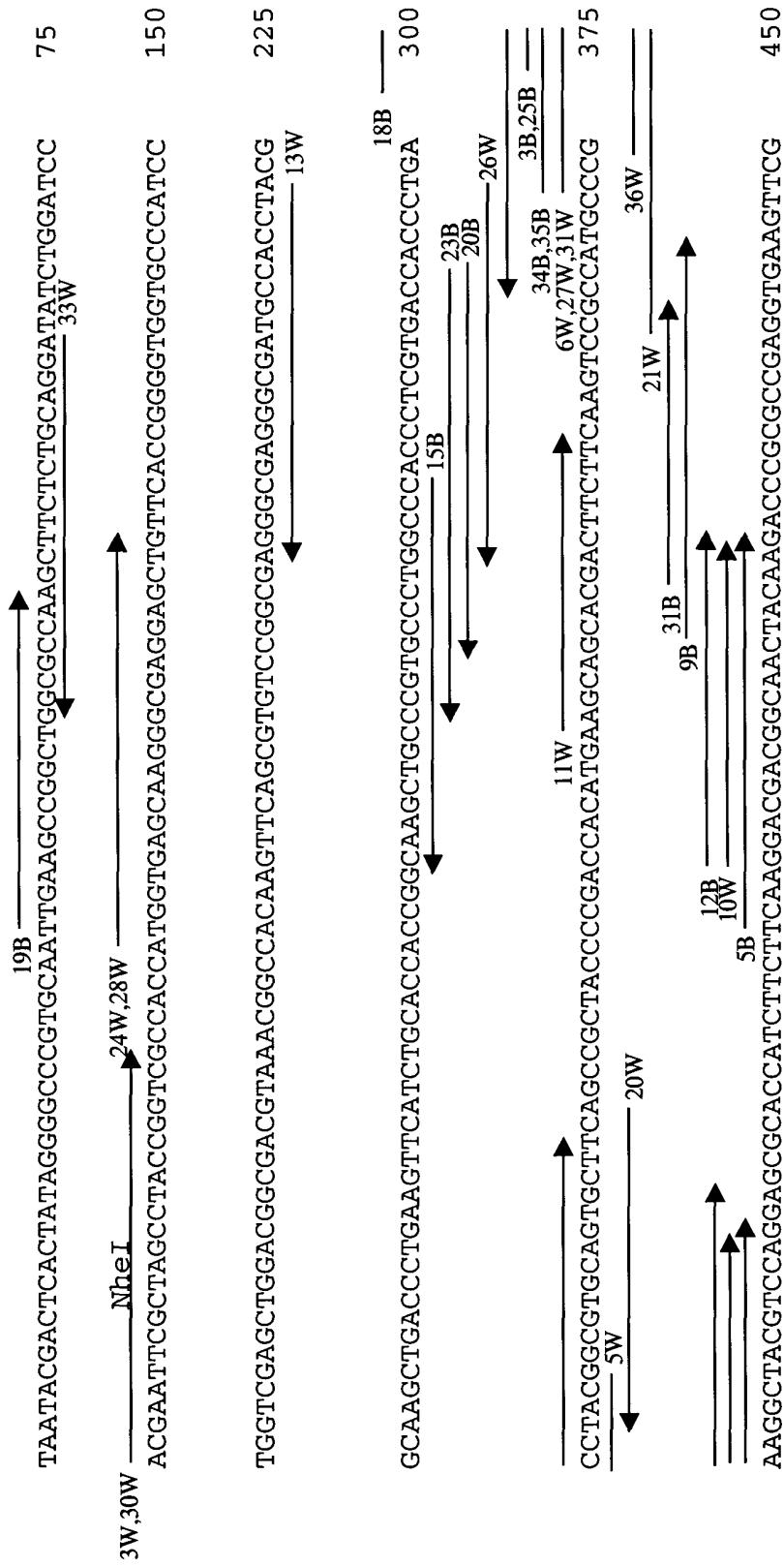


Fig. 4C

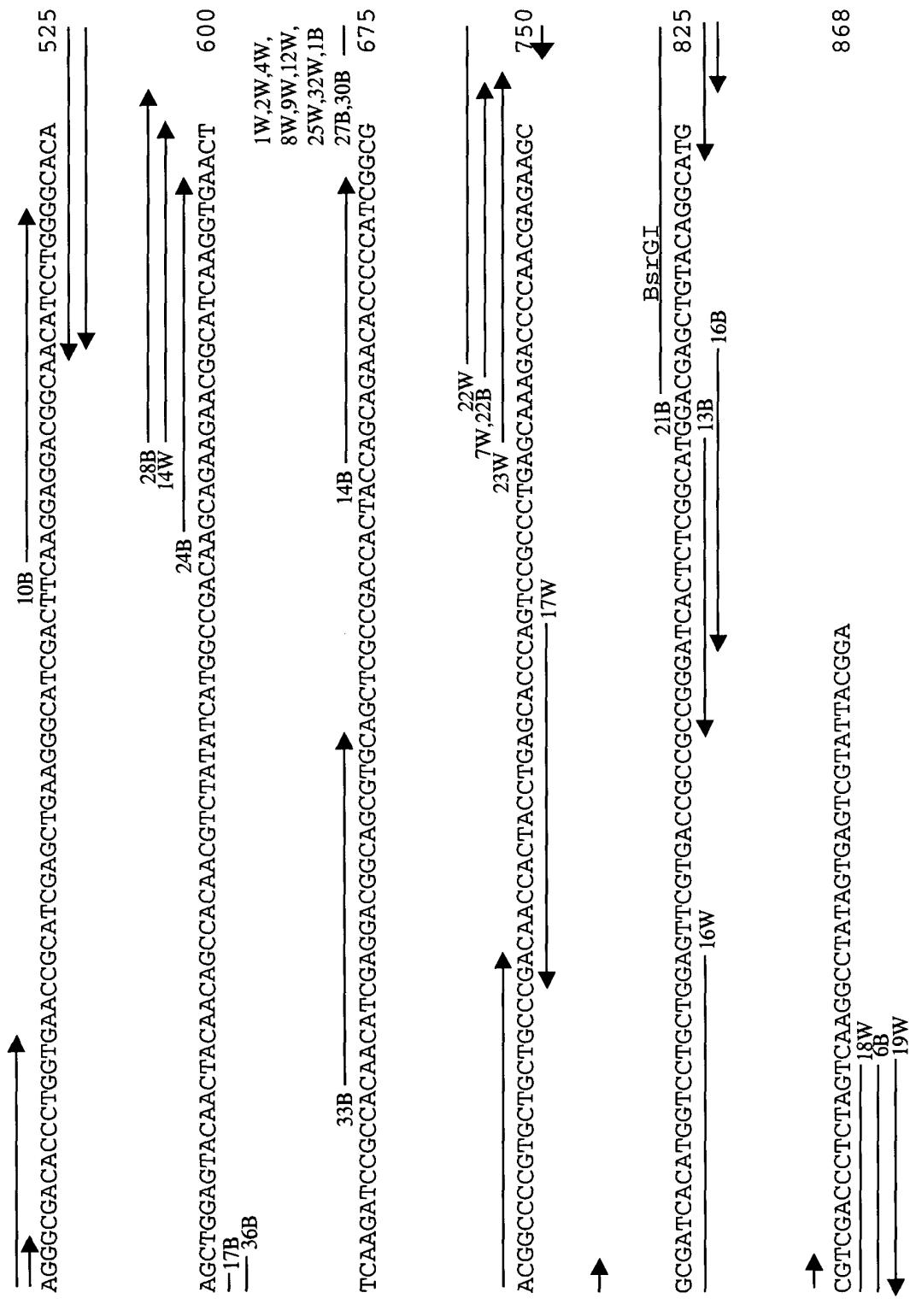


Fig. 4C (cont.)

Insert length summary- total clones from both genes

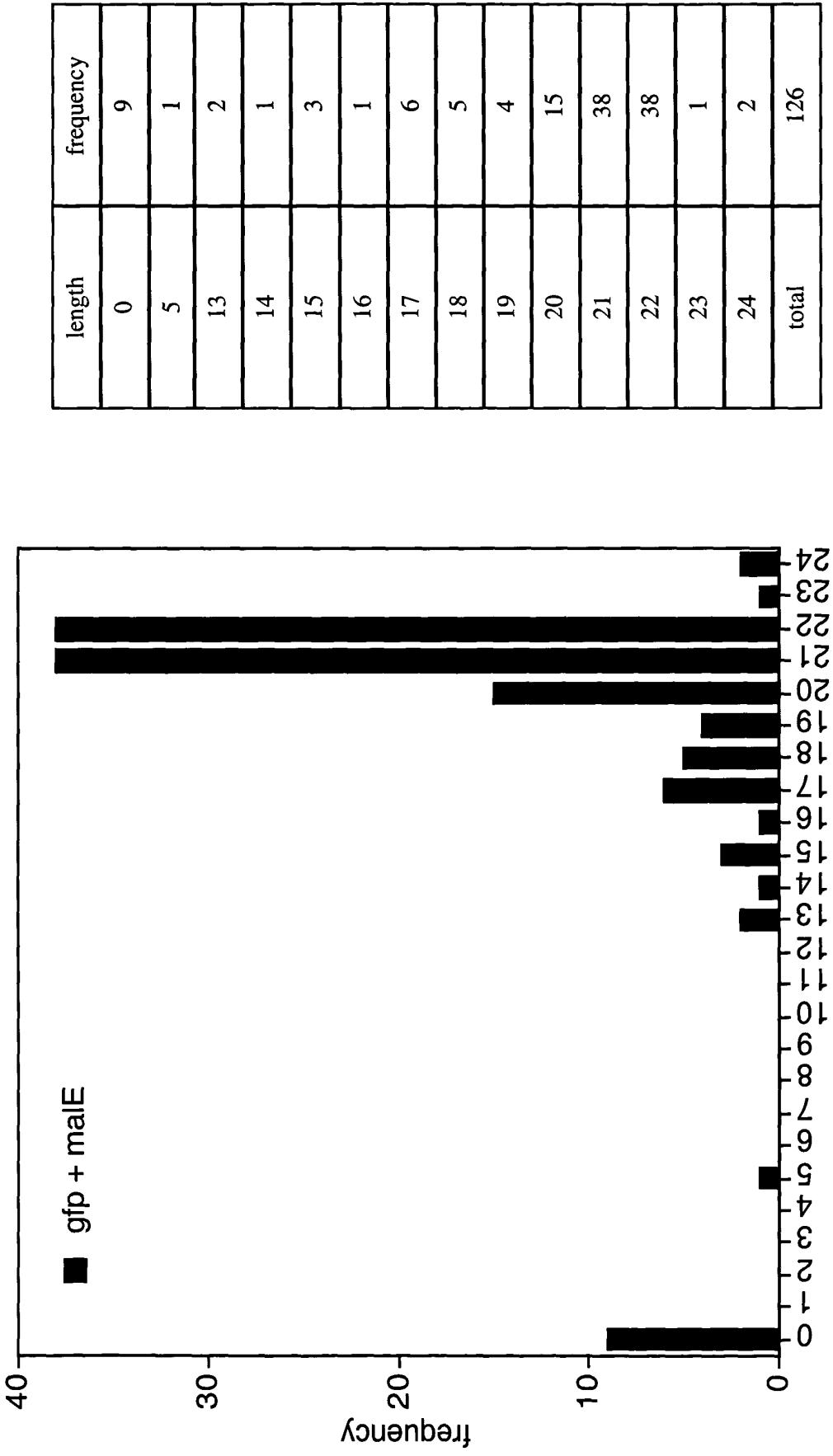


Fig. 4D

insert length

Fig. 5

Firefly luciferase silencing in *Drosophila S2* cells

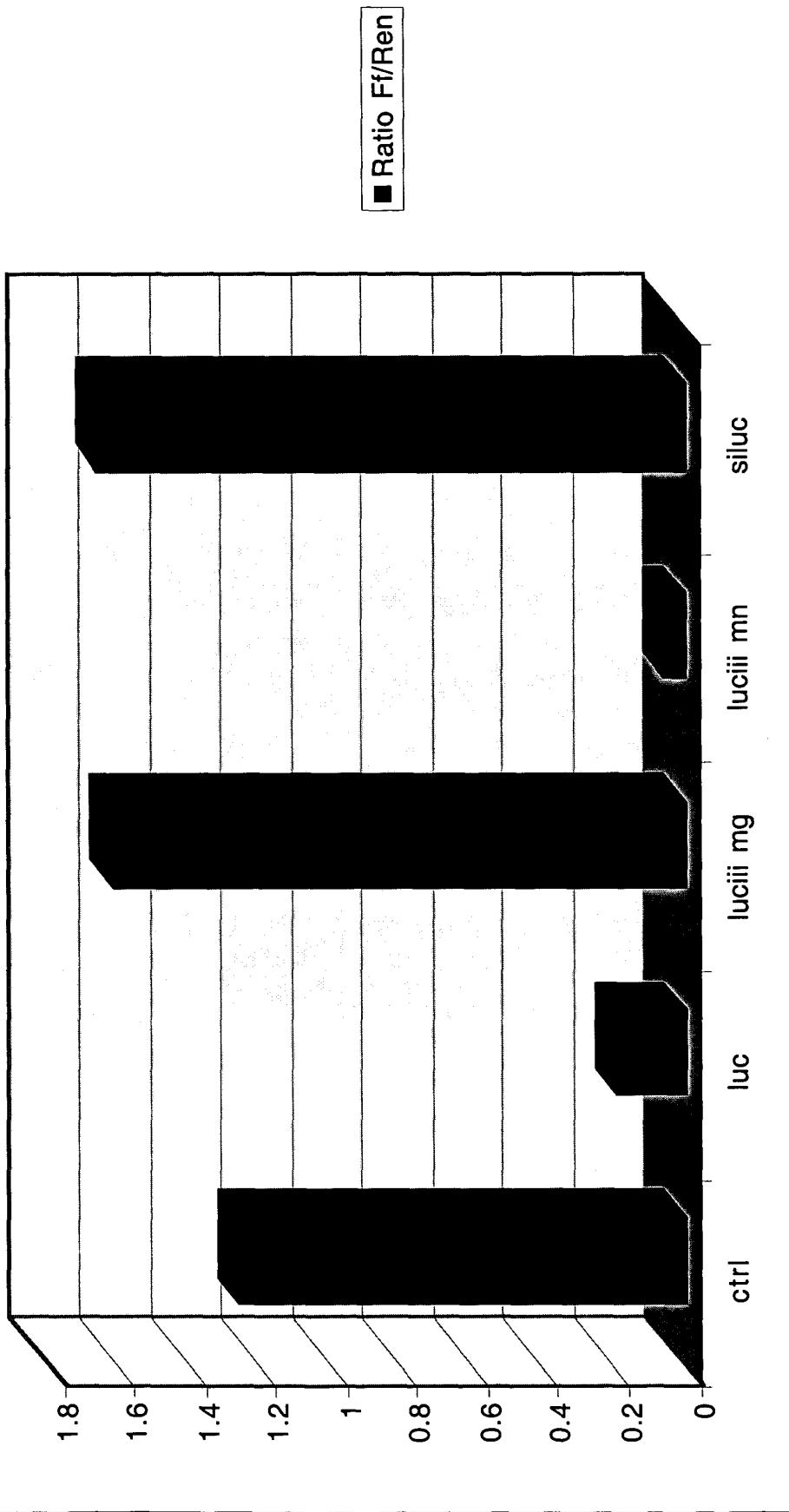


Fig. 6A

EGFP silencing in HEK-293 cells



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i
control
ii
GFP dsRNA
RNaseIII Mn++

Luciferase is unaffected by GFP hsiRNA in HEK-293 cells

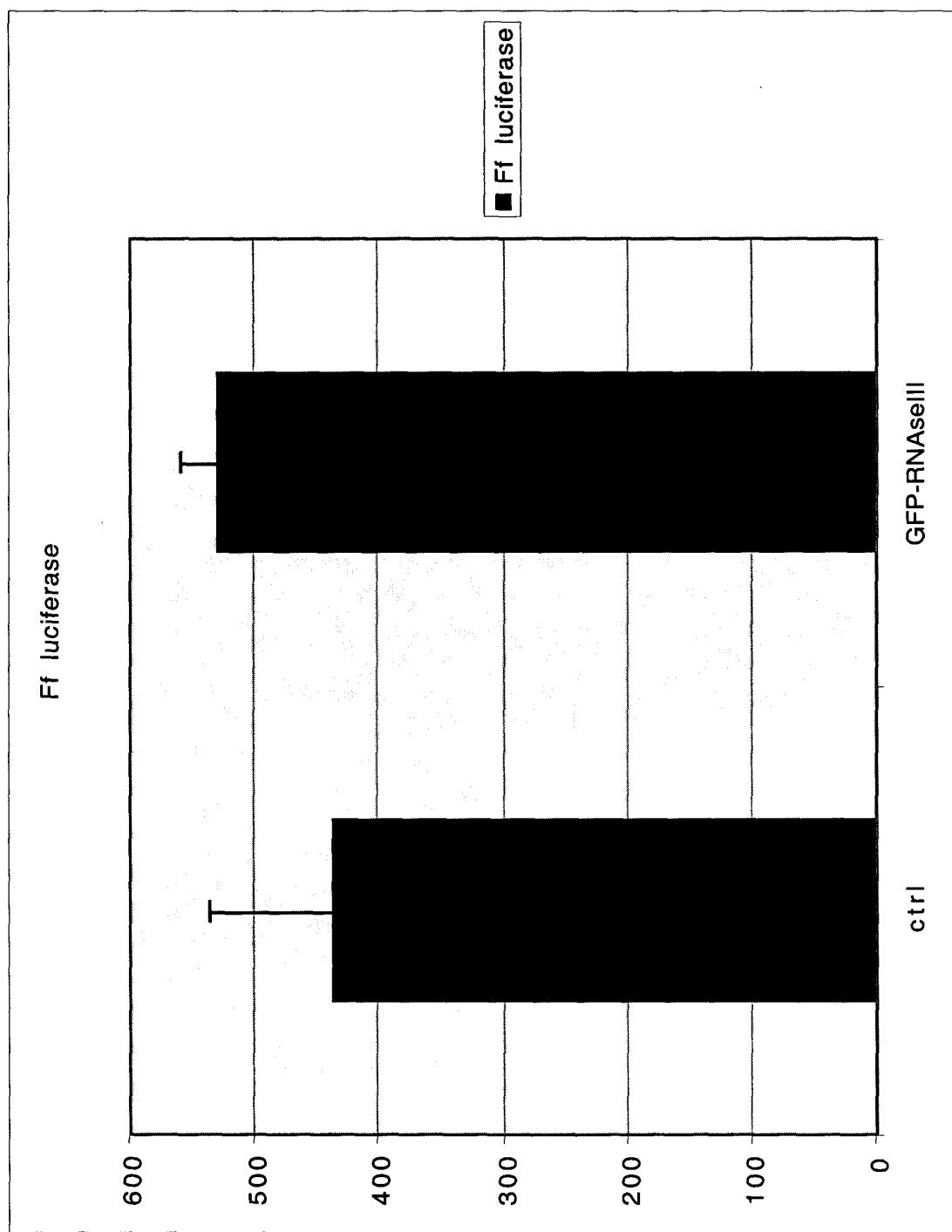


Fig. 6B

Luciferase silencing by luciferase hsiRNA in HEK-293 cells

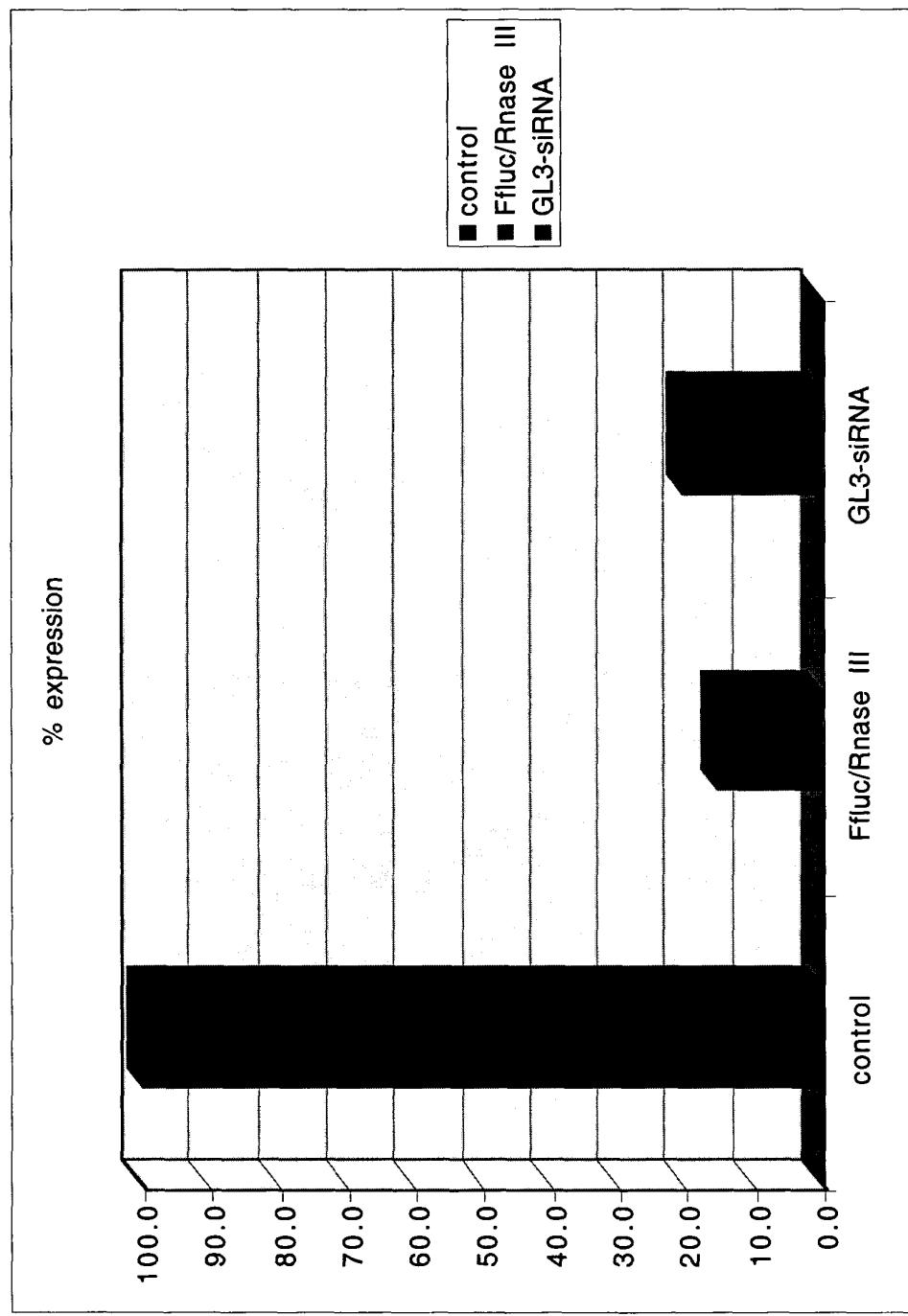


Fig. 6C

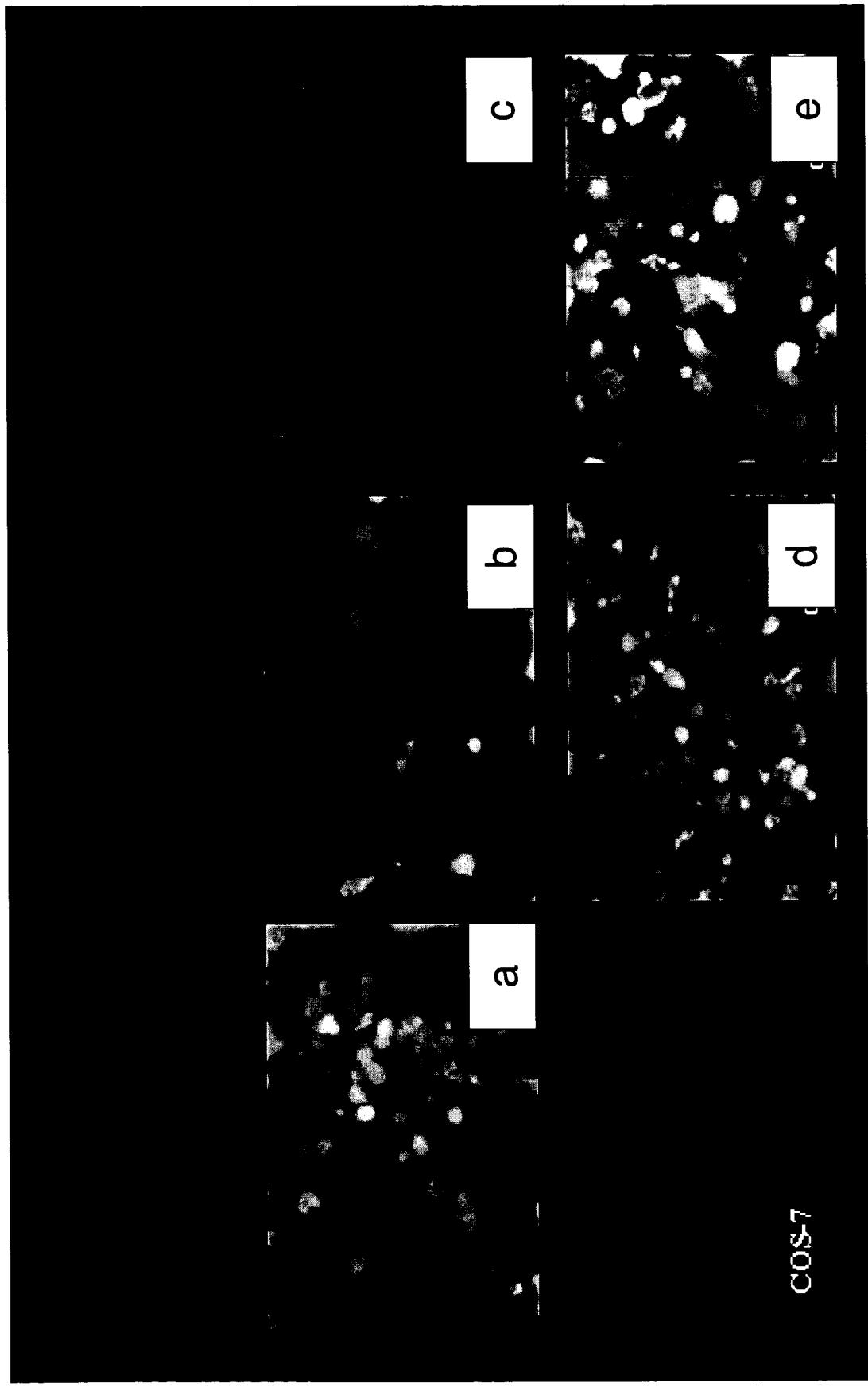


Fig. 7

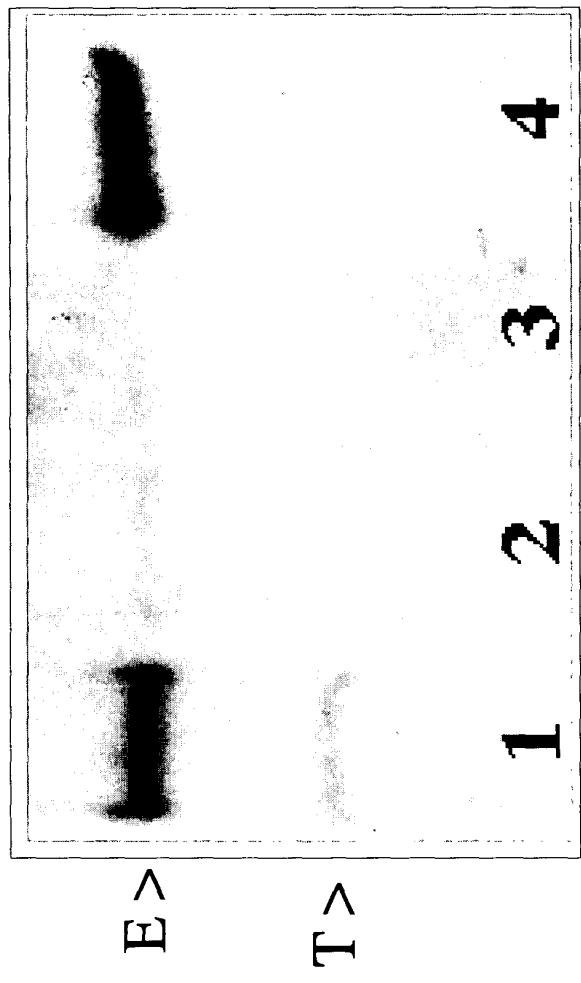
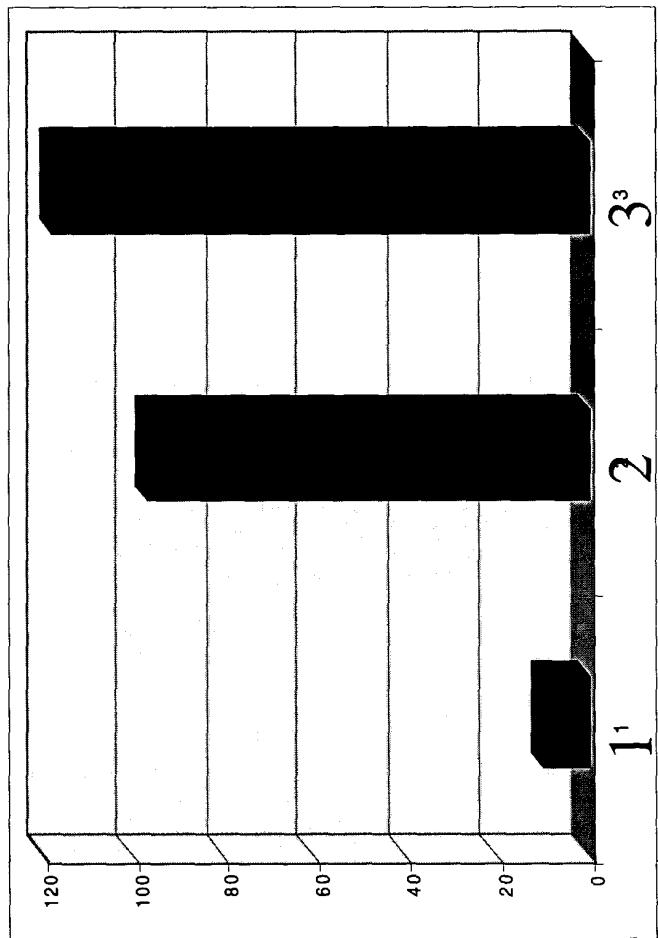


Fig. 8A



RLUs

Fig. 8B

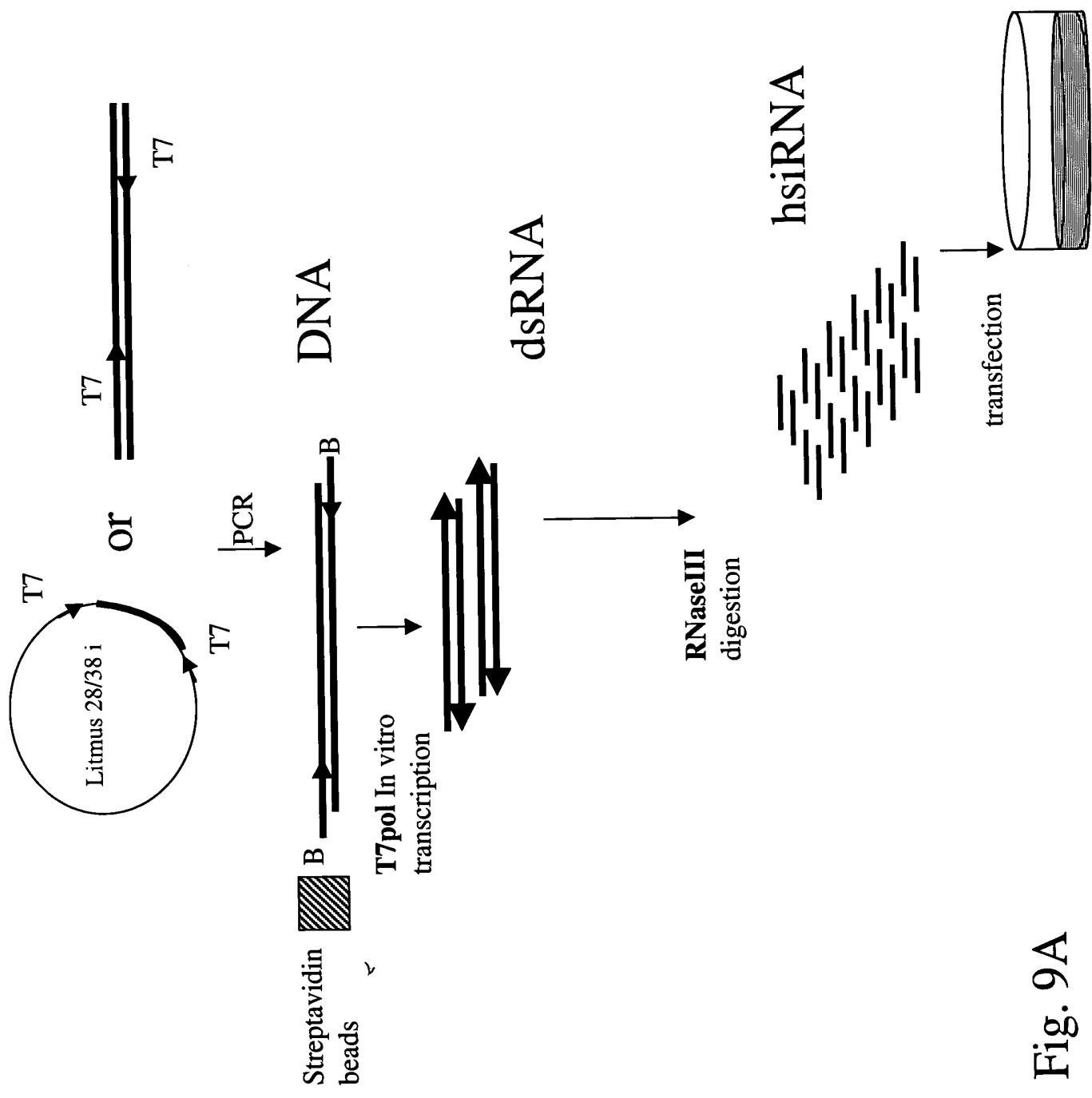
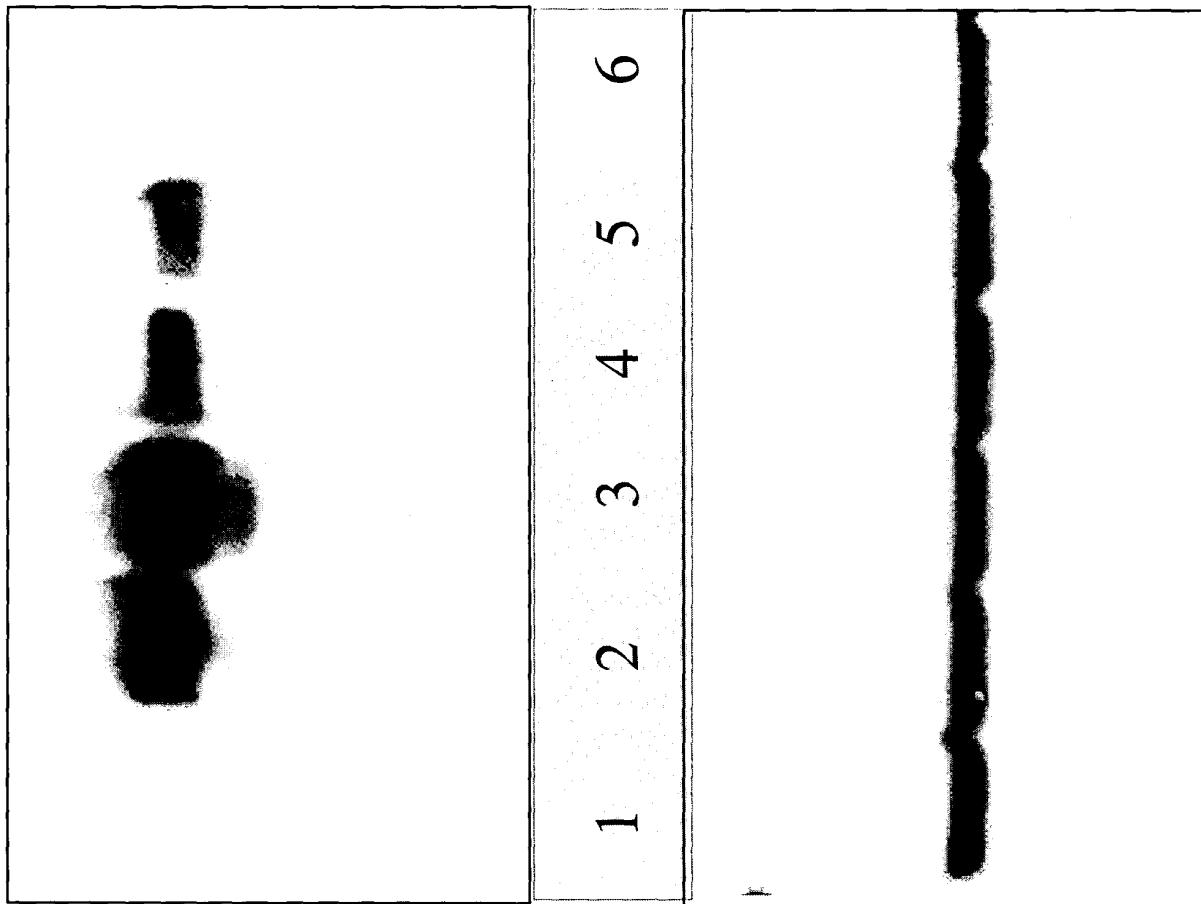


Fig. 9A

anti-DnMT1



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Fig. 10

sites cleaved by siRNA/RISC

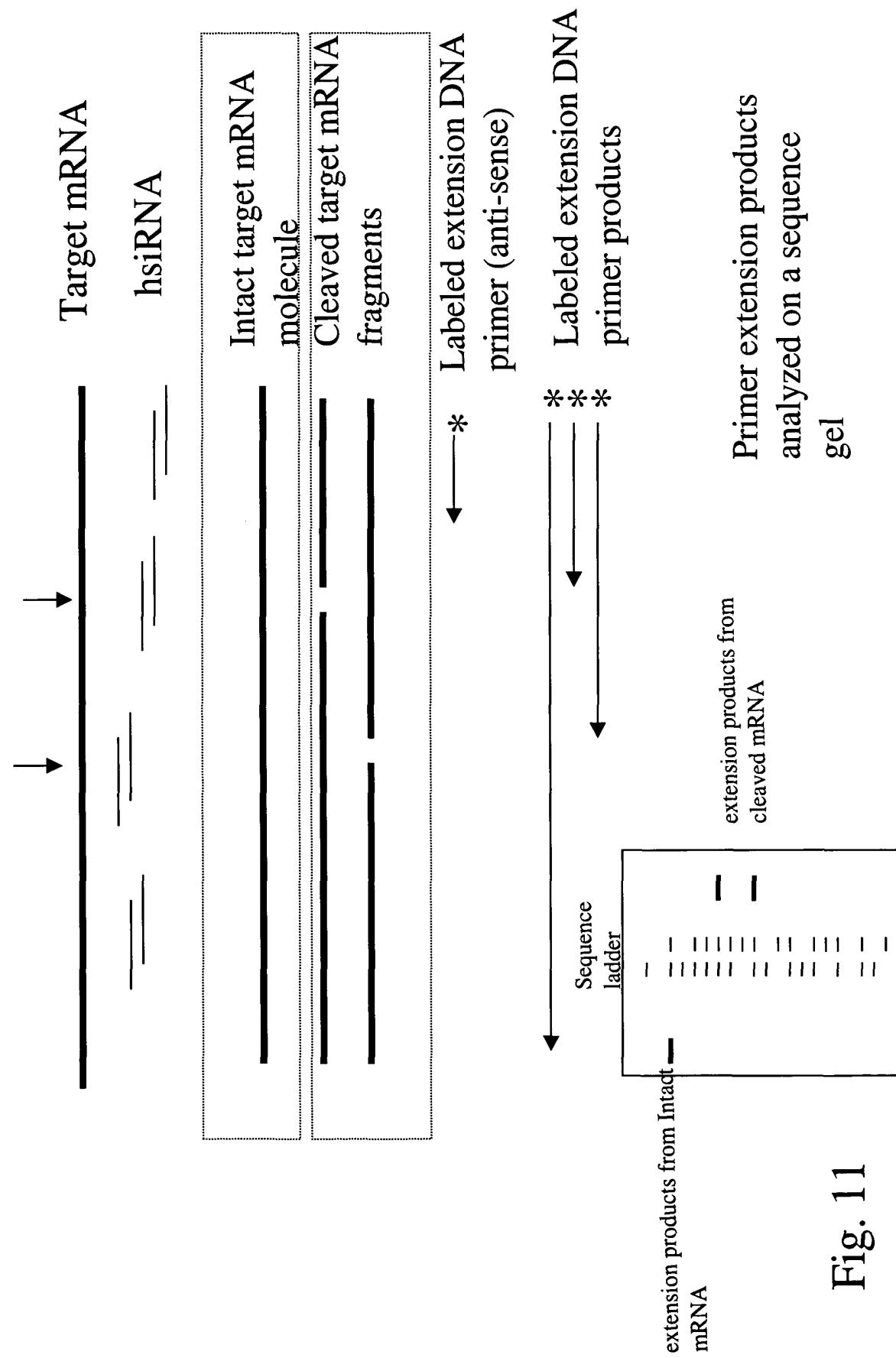


Fig. 11